

STEREO MOC Status Report
Time Period: 2011:171 - 2011:177

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 173, during the DSS 25 support, real-time data and commanding were lost at 1145z due to a configuration anomaly at the complex. At 1158z, all connections were restored. This anomaly resulted in the loss of 13 minutes of real-time data and commanding. All SSR data was recovered. See DR# N107442 for more information.
 - On day 177, during the DSS 26 support, turbo decoder lock was lost briefly beginning at 1810z. This resulted in the loss of six frames of instrument SSR data. A DR has been requested.

2. The following spacecraft/instrument events occurred during this week:

- On day 172, MOps permanent macro release 1.1.12 and DHS release 1.1.5 were loaded to C&DH RAM. These changes increase the data returned each track by playing back the S/C housekeeping data during the OWLT before the uplink sweep for downlink rates 240, 160, and 120 kbps.
- The average daily SSR playback volume for Ahead was 5.9 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 171, during the DSS 65 support, turbo decoder lock was lost intermittently beginning at 1855z and again at 1939z. This resulted in the loss of five frames of instrument SSR data. See DR# N107430 for more information.
 - On day 173, during the DSS 65 support, turbo decoder lock was lost briefly beginning at 1847z. This resulted in the

loss of eight frames of instrument SSR data. See DR# N107441 for more information.

- On day 177, during the DSS 63 support, turbo decoder lock was lost briefly beginning at 1925z. This resulted in the loss of 11 frames of instrument SSR data. A DR has been requested.

2. The following spacecraft/instrument events occurred during this week:

- On day 172, MOps permanent macro release 1.1.12 and DHS release 1.1.5 were loaded to C&DH RAM. These changes increase the data returned each track by playing back the S/C housekeeping data during the OWLT before the uplink sweep for downlink rates 240, 160, and 120 kbps.
- The average daily SSR playback volume for Behind was 5.9 Gbits during this week.